

Title (en)
TREATMENT OF STEEL SURFACES

Title (de)
BEHANDLUNG VON STAHLWERFLÄCHEN

Title (fr)
TRAITEMENT DE SURFACES EN ACIER

Publication
EP 2773794 A1 20140910 (DE)

Application
EP 12778083 A 20121017

Priority

- DE 102011085574 A 20111102
- EP 2012070543 W 20121017

Abstract (en)
[origin: CA2853303A1] Use of a compound of general formula RnZpSiX(4-n-p) for the treatment of steel surfaces, wherein X is selected from a group consisting of H, OH, halogen, alkoxy (C1-C3), acyloxy (C1-C3) and NR1R2; wherein each of R1 and R2 is selected from a group consisting of H, methyl and ethyl; wherein R is selected from a group consisting of straight-chain and/or branched C1-C6 alkyl radicals, straight-chain and/or branched C1-C6 alkenyl radicals or C1-C6 aryl radicals - optionally interrupted by O or S, wherein Z is a (optionally branched and/or unsaturated) C1-C6-alkylene-radical-bonded organofunctional group selected from a group consisting of halogen, optionally substituted amino group, amide, aldehyde, alkylcarbonyl, carboxy, hydroxy, mercapto, cyano, alkoxy, alkoxy carbonyl, sulphonic acid, phosphonic acid, phosphate, acyloxy, methacryloxy, glycidyloxy, epoxy or vinyl group, wherein n = 0.1 or 2, p = 1, 2 or 3 and 3 = (n+p) = 1, wherein the compound of general formula (1) contains not more than 20 carbon atoms.

IPC 8 full level
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CPC (source: EP US)
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C23C 22/02 (2013.01 - EP US); **C08G 77/26** (2013.01 - EP US); **C23C 2222/20** (2013.01 - EP US); **C23G 1/085** (2013.01 - EP US);
Y10T 428/31663 (2015.04 - EP US)

Citation (search report)

See references of WO 2013064372A1

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